



## G-Energy Synthetic Active 5W-40

Fully Synthetic Passenger Vehicle Engine Oil



Engine oil



Fully synthetic



Multigrade



Gasoline and diesel engines



Active driving



Engine cleanliness



**G-BASE SYNTHETIC TECHNOLOGY** combines latest innovations, unique formulations, world class manufacturing techniques and quality management to produce high performance lubricants

**G-Energy Synthetic Active 5W-40** is fully synthetic engine oil formulated for the highest level of protection demanded by high performance engines. G-Energy Synthetic Active 5W-40 with G-Base synthetic technology provides enhanced viscosity, friction and volatility performance to ensure long lasting engine life. Advanced fully synthetic formulation can help to increase engine efficiency.

### Applications



- Turbo-charged and direct injection high performance engines
- Gasoline and diesel engines without diesel particulate filters (DPF)
- Passenger cars, SUV's, light trucks and vans
- Highway cruising and stop and go city driving
- Normal to frequently severe operating conditions

	Features	Advantages and Potential Benefits
	Fully synthetic	Excellent overall lubrication and wear protection performance for many driving styles
	Excellent cold start-up performance	Quick cold weather starting helps to extend engine life
	Enhanced thermal and oxidation stability	Outstanding performance during the maximum oil change interval recommended in a vehicle's owner's manual
	Active cleaning agents	Helps prevent deposits and sludge build-up to enable long engine life
	Improved wear protection	Outstanding wear control during automaker recommended oil change intervals for long component and engine life

### Recommendations

- API SN/CF
- ACEA A3/B4
- MB 229.3
- Renault RN 700/710
- VW 502.00/505.00
- AVTOVAZ

## Typical Characteristics

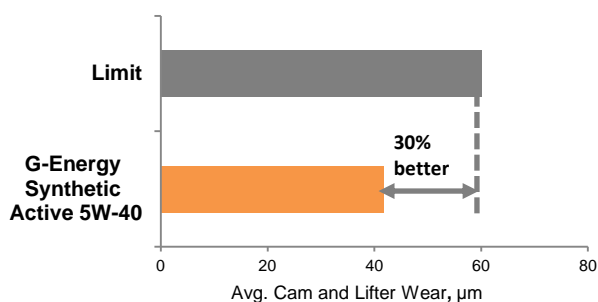
Properties	Method	G-Energy Synthetic Active 5W-40
SAE Viscosity Grade	SAE J300	5W-40
Kinematic Viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	87,3
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D445	14,5
Viscosity Index	ASTM D2270	173
Total Base Number, mg KOH/g	ASTM D2896	9,2
Flash Point (COC), °C	ASTM D92	230
Pour Point, °C	ASTM D97	-40
Density @15°C, kg/m <sup>3</sup>	ASTM D4052	859

## G-Base Synthetic Technology performance benefits



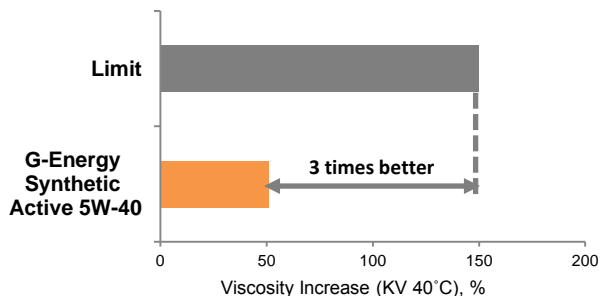
G-Base Synthetic Technology base oils provide improved viscosity, friction and volatility performance compared to traditional base oils. They help to ensure better engine cleanliness, prolong engine life, enhance fuel economy, decrease oil consumption and reduce maintenance costs.

### Enhanced wear protection <sup>1</sup>



Ultimate protection against wear under all operating conditions for long component and engine life

### Resistance to oil degradation <sup>1</sup>



Outstanding thermal and oxidation stability helps to prevent harmful sludge and deposits to keep engines clean

## Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.

ISO 9001

ISO 14001

ISO/TS 16949

OHSAS 18001

CERTIFIED